



1627

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/675,525

DATE: 02/14/2002

TIME: 15:17:13

Input Set : A:\-2-1.app

Output Set: N:\CRF3\02142002\I675525.raw

**Does Not Comply  
Corrected Diskette Needed**

```

3 <110> APPLICANT: Barrett, Ronald W.
4   Dower, William J.
5   Gallop, Mark
6   Woiwode, Thomas F.
7   Cwirla, Steven E.
8   XenoPort, Inc.
10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and
11   Methods of Using Same
13 <130> FILE REFERENCE: 019282-000210US
15 <140> CURRENT APPLICATION NUMBER: US 09/675,525
16 <141> CURRENT FILING DATE: 2000-09-29
18 <150> PRIOR APPLICATION NUMBER: US 60/156,674
19 <151> PRIOR FILING DATE: 1999-09-29
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 60
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
32   inserted into phagemid (gene VIII)
34 <400> SEQUENCE: 1
35 gcggccgcwssswswswswswwwswsssgaattccctatagtgagtcgtattaaagctt 60
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 21
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
45   biotinylation substrate sequence
47 <220> FEATURE:
48 <221> NAME/KEY: MOD_RES
49 <222> LOCATION: (11)
50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
52 <400> SEQUENCE: 2
W--> 53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
54   1           5           10           15
56 Gly Gly Gly Gly Ser
57           20
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 63
62 <212> TYPE: DNA

```

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63 <213> ORGANISM: Artificial Sequence  
65 <220> FEATURE:  
66 <223> OTHER INFORMATION: Description of Artificial Sequence:5' end of gene  
67 for filamentous phage coat protein pVIII  
69 <400> SEQUENCE: 3  
70 ggcgggctta atgatatttt tgaggctcag aagattgagt ggcattgaggg aggcgggggt 60  
71 agc 63  
74 <210> SEQ ID NO: 4  
75 <211> LENGTH: 20  
76 <212> TYPE: PRT  
77 <213> ORGANISM: Artificial Sequence  
79 <220> FEATURE:  
80 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA  
81 biotinylation substrate sequence  
83 <400> SEQUENCE: 4  
W--> 84 Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile  
85 1 5 10 15  
87 Glu Trp His Glu  
88 20  
91 <210> SEQ ID NO: 5  
92 <211> LENGTH: 71  
93 <212> TYPE: DNA  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: Description of Artificial Sequence:3' end of gene  
98 10B major coat protein of T7 phage  
100 <400> SEQUENCE: 5  
101 aattctggag gcgggggtct taatgatatt tttaggctc agaagattga gtggcatgag 60  
102 taagtaacta a 71  
105 <210> SEQ ID NO: 6  
106 <211> LENGTH: 58  
107 <212> TYPE: DNA  
108 <213> ORGANISM: Artificial Sequence  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element  
112 inserted into T7 phage vector  
114 <400> SEQUENCE: 6  
115 gcggccgcws sswswsws wwwswsssg tattctatag tgtcacctaa atctcgag 58  
118 <210> SEQ ID NO: 7  
119 <211> LENGTH: 5  
120 <212> TYPE: PRT  
121 <213> ORGANISM: Artificial Sequence  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: Description of Artificial Sequence:mAb 3E7 epitope  
125 peptide  
127 <400> SEQUENCE: 7  
128 Tyr Gly Gly Phe Leu  
129 1 5

All "Xaa" must  
be explained in  
feature <220>-<223>  
see item # 9 on ERROR  
summary sheet

## VERIFICATION SUMMARY

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Input Set : A:\-2-1.app

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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:84 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4  
L:84 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4